

CLAIMS

What is claimed is:

1 1. A method of scheduling an event with respect to a hard
2 copy output engine, comprising:
3 detecting a status of a portion of the hard copy output engine from
4 a sensor incorporated in the hard copy output engine;
5 composing an electronic message including the detected status;
6 and
7 transmitting the electronic message to a scheduling engine.

1 2. The method of claim 1, wherein detecting includes
2 detecting a toner low or toner out status.

1 3. The method of claim 1, wherein detecting includes
2 detecting a future need for preventative maintenance.

1 4. The method of claim 1, wherein composing an electronic
2 message includes composing the electronic message to include information
3 chosen from a list consisting of: percentage of remaining consumable, to whom
4 assigned, blind carbon copy to, copy to, company addressed to, expected
5 completion date, defer until, due date, duration, event address, expiration date,
6 follow-up flag, importance, owner, priority, return receipt request status, remind
7 beforehand, reminder, reminder override default, required attendee list,
8 resources, sensitivity, date sent, start date, addressee, tracking status,
9 consumables order list, maintenance items, malfunction and preventative
10 maintenance items.

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1 5. The method of claim 1, wherein detecting a status includes
2 detecting a status from a list of status items consisting of: toner out, toner low,
3 preventative maintenance alerts, including cleaning or replacement of
4 component parts, consumables orders, internal billing dates for job accounting,
5 external billing dates for job accounting, low or "out of" status for other
6 consumables or need for other maintenance items.

1 6. The method of claim 1, wherein the hard copy output
2 engine is chosen from a group consisting of: facsimile machines, photocopiers
3 and printers.

1 7. The method of claim 1, wherein transmitting the electronic
2 message to a scheduling engine comprises transmitting an electronic message
3 including a consumable order.

1 8. An article of manufacture comprising a computer usable
2 medium having computer readable code embodied therein to cause a processor
3 to:
4 detect a status of a portion of the hard copy output engine from a
5 sensor incorporated in the hard copy output engine;
6 compose an electronic message including the detected status; and
7 transmit the electronic message to a scheduling engine.

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1 9. The article of manufacture of claim 8, wherein the computer
2 readable code configured to cause a processor to detect includes computer
3 readable code configured to cause the processor to detect a toner low or toner
4 out status.

10. The article of manufacture of claim 8, wherein the computer readable code configured to cause a processor to detect includes computer readable code configured to cause the processor to detect a future need for preventative maintenance.

11. The article of manufacture of claim 8, wherein the computer readable code configured to cause a processor to compose an electronic message includes computer readable code configured to cause the processor to compose the electronic message to include information chosen from a list consisting of: percentage of remaining consumable, to whom assigned, blind carbon copy to, copy to, company addressed to, expected completion date, defer until, due date, duration, event address, expiration date, follow-up flag, importance, owner, priority, return receipt request status, remind beforehand, reminder, reminder override default, required attendee list, resources, sensitivity, date sent, start date, addressee, tracking status, consumables order list, maintenance items, malfunction and preventative maintenance items.

12. The article of manufacture of claim 8, wherein the computer readable code configured to cause a processor to detect a status includes computer readable code configured to cause the processor to detect a status chosen from a list of status items consisting of: toner out, toner low, preventative maintenance alerts, including cleaning or replacement of component parts, consumables orders, internal billing dates for job accounting, external billing dates for job accounting, low or "out of" status for other consumables or need for other maintenance items.

13. The article of manufacture of claim 8, wherein the computer readable code configured to cause a processor to detect comprises computer readable code configured to cause the processor to detect a status of a hard copy output engine chosen from a group consisting of: facsimile machines, photocopiers and printers.

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1 14. The article of manufacture of claim 8, wherein the computer
2 readable code configured to cause a processor to transmit comprises computer
3 readable code configured to cause the processor to transmit an electronic
4 message including a consumable order.

1 15. A computer implemented control system for a hard copy
2 output engine, the system comprising:
3 a sensor coupled to a portion of the hard copy output engine, the
4 sensor being configured to provide a status of the portion; and
5 processing circuitry coupled to the sensor and configured to:
6 detect the status of the portion;
7 compose an electronic message including the detected
8 status; and
9 transmit the electronic message to a scheduling engine.

1 16. The computer implemented control system of claim 15,
2 wherein the processor configured to detect includes a processor configured to
3 detect a toner low or toner out status.

1 17. The computer implemented control system of claim 15,
2 wherein the processor configured to detect includes a processor configured to
3 detect a future need for preventative maintenance.

1 18. The computer implemented control system of claim 15,
2 wherein the processor configured to compose an electronic message includes a
3 processor configured to compose the electronic message to include information
4 chosen from a list consisting of: percentage of remaining consumable, to whom
5 assigned, blind carbon copy to, copy to, company addressed to, expected
6 completion date, defer until, due date, duration, event address, expiration date,
7 follow-up flag, importance, owner, priority, return receipt request status, remind

8 beforehand, reminder, reminder override default, required attendee list,
9 resources, sensitivity, date sent, start date, addressee, tracking status,
10 consumables order list, maintenance items, malfunction and preventative
11 maintenance items.

1 19. The computer implemented control system of claim 15,
2 wherein the processor configured to detect a status includes a processor
3 configured to detect a status chosen from a list of status items consisting of:
4 toner out, toner low, preventative maintenance alerts, including cleaning or
5 replacement of component parts, consumables orders, internal billing dates for
6 job accounting, external billing dates for job accounting, low or "out of" status
7 for other consumables or need for other maintenance items.

1 20. The computer implemented control system of claim 15,
2 wherein the processor configured to detect comprises a processor configured to
3 detect a status of a hard copy output engine chosen from a group consisting of:
4 facsimile machines, photocopiers and printers.